

10/593539

IAP9/Rec'd PCT/PTO 19 SEP 2006

Attorney Docket No. 06550/LH

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**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicant(s): T. TESHIROGI et al

Serial No. : National Phase of  
PCT/JP2006/301346

Filed : Herewith

For : UWB SHORT-RANGE RADAR

Art Unit :  
Examiner :

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450,  
Alexandria, VA 22313-1450

S I R :

Submitted herewith are copies of the publications (U.S. patent publications are not enclosed) identified on the attached Patent Office form PTO/SB/08A. Also enclosed is an International Search Report.

The FCC Second Report non-patent publication is identified on page 3 of the specification.

It is respectfully requested that the publications submitted herewith be considered and made of record and that a fully initialed form PTO/SB/08A be returned to the undersigned.

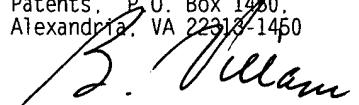
Respectfully submitted,

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Date of Deposit: September 19, 2006

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<b>Substitute for Form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number			
				Filing Date		Herewith	
				First Named Inventor		TESHIROGI	
				Group Art Unit			
				Examiner Name			
Sheet	1	of	2	Attorney Docket Number		06550/LH	

**U.S. PATENT DOCUMENTS**

Exam. Initials	Cite No <sup>1</sup>	Document Number		Kind Code <sup>2</sup>	Name of Patentee or Applicant		Publication Date MM-DD-YYYY	Relevant Portion

**FOREIGN PATENT DOCUMENTS**

Exam. Initials	Cite No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>		Kind Code <sup>5</sup>	Name of Patentee or Applicant		Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>
			JP 2000-511281		A			08-29-2000		

Examiner Signature  Date Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

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				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	06550/LH

**OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		<p>I. GRESHAM et al; ULTRA-WIDEBAND RADAR SENSORS FOR SHORT-RANGE VEHICULAR APPLICATIONS; IEEE Transactions on Microwave Theory &amp; Techniques; Vol. 52, No. 9, September 2004.</p> <p>K. HAMAGUCHI et al; UWB PROBLEMS TO BE SOLVED FOR ULTRAWIDE-BAND SHORT-RANGE RADAR SYSTEMS; Yokosuke Radio Communications Research Center, 2004; pp. SS-17 - SS-18.</p> <p>T. SAKANE; UWB APPLICATION FOR SYSTEMS USING MICROWAVE UWB; Special Edition; August 2004, Vol. 24, No. 8; pp 26-37.</p> <p>FCC 04-285; SECOND REPORT AND ORDER AND SECOND MEMORANDUM OPINION AND ORDER; Dec. 16, 2004.</p> <p>T. TESHIROGI et al; WIDEBAND CIRCULARLY POLARIZED ARRAY ANTENNA WITH SEQUENTIAL ROTATIONS AND PHASE SHIFT OF ELEMENTS; Proceedings of ISAP; 1985; pp. 117-120.</p>	

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